

COMMONWEALTH AGRICULTURAL BUREAUX

Horticultural abstracts



COMMONWEALTH BUREAU OF HORTICULTURE AND PLANTATION CROPS

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Apricots Cherries	0011 001		20 20	84	149	202	288	383	469	533	593	709 710	772	850 851
Chestnuts Cobnuts and hazels	OIR OIL		20	85 85	150	202	289	385 385	470	534 534	594 594	710	MARAT	191-
Figs	Olk. OIL		100 = - 5	86	150	-	289	385	501-E	SZ(L	594	710	773	851
Mulberries Peaches and nectarines	14h. 916		21	86	150	203	289	385	470	534 535	594 595	710 711	773	
Pears Pecans and hickories	* 14. O (F		21	87	150	204	291 291	386 387	470	535	596		777	_
Pistachios			21	88	152	205	291 292	388 388	471	536 536	596	712	777	
Plums, prunes and damsons Quinces			22.	_	_		292 292	388 389	471 471	536 536	597	713	778 778	
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SMALL FRUITS AND GRAPEVINI	E S		22	88	152	205	293	389	471	537	597	713		
Actinidia species			22 22	88 89	152	205	293 293	389 389	471 471	537 537	597 598	713 713		
Currants Gooseberries			22	89	152	206	293	389	472	-	598	_	779	
Minor Ribes species			-	-		4	_	_	_		_	1 1		

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SMALL FRUITS AND GRAPEVIN				_	89	_		293		472	537	598	713	779	
Raspberries	***	***	***	22	89	152	206	293	389	472	537	598	713	779	854
Minor Rubus species		***		-	-	-	_	-	389	472	-	_	-	-	-
Vaccinium species	***	***	***	23	89	153	206	293	389	472	537	599	713	780	855
Strawberries	***		***	24	90	153	206	294	390	472	537	599	713	780	855
Grapevines	***	***	***	24	91	153	207	295	391	473	538	601	714	782	855
General	***	***	***	24	91 91	153 153	207	295 295	391 391	473	538 538	601	714	782 782	855
Selection and varieties Propagation and planting	Milke	T.III. II		25	92	153	207	295	392	473	539	601	714	782	855
Climate and pollution	Mek	M. F.	1	25	92	154	201	-	372	773	540	602	715	783	856
Management	Lille	O THEN	Alle .	25	92	154	207	296	392	474	540	602	715	783	856
Soils and nutrition			***	26	92	154	208	296	392	474	541	603	716	784	857
Crop protection	***	***		26	93	154	208	296	393	474	541	604	716	784	857
Physiology and biochemistry	***	***	***	27		154	208	297	393	475	542	604	717	785	857
Reproduction	***	***	***	27	93	154	209	298 298	394	475	542	605	717	785 786	858 858
Harvesting and handling Quality		***	***	28	94	155	209	298	374	476	542	000	717	786	858
Byproducts	935.				- 1	-		299	_	-	-	- 1	-	-	W-
Sundry crops	935.	FFD. 0	84.	28	94	-	209	299	394	476	542	606	-	786	858
VEGETABLES, TEMPERATE, TR	OPICA														
GREENHOUSE				16 14	0.8		-	000	100	D 12 12	to ere	19990	19 191	Trains	200
General	140.	150. E	04.	28	94	155	209	299	394	476	542	606	717	786	858
Alliaceae Garlic	***	***	***	29	95 95	155	210	299	395 395	477	543	607	718	787	859
Leeks	7100		***	29	95	155	210	300	395	477	543	007	718	788	859
Onions		PEL. E	04. 7	29	95	155	210	300	396	477	543	607	718	788	859
Other Allium species		27.E. L	P.L.	00	96	-		301		478	544	607	719	517000	861
Chenopodiaceae		975. 4		30 00	96	156	211	301	397	478	544	607	719	789	861
Beetroot	8 4. 1	085. 6		30	96	110	211	301	397	478	544	-	719	789	861
Spinach	8 1	34. B		30	- 1	156	211	301	398	478	544	607	719	789	861
Spinach beet		1000	t dee	30	96 96	156	212	301	398 398	478	544	608	719	790	862
Compositae Artichokes (Jerusalem)	P 74.	180.	•••	-50 00	96	156	212	201	398	4/0	344	608	719	790	002
Artichokes (globe)	275.	181. 2	0 1	30	-	1-	-	_	_	478	544	608	7	790	862
Cardoons		8 8		h= -		-	_				_	_	ICT OF	Limas	19-
Chicory		84.		30	96	156	_	301	398	479	544	608	720	790	M-
Endive	378.	85.	****	-	96	-	212	-	398	470		-	700	700	H-
Lettuce	***	0		30	97	156	212	301	398	479	544	608	720	790	862
Salsify Scorzonera		***	***	4- 18		1=	-			Til -	343		THE WAY	11200	N
Other Compositae	200		U.S. 3	VE-1			_	_ 6	400	There is	VIEW W	_	131	V War	863
Cruciferae		3		31	97	157	212	302	400	479	545	609	720	792	863
Brassicas				31	97	157	212	302	400	479	545	609	720	792	863
Cress	374.			32	-	158	214	303	-	10.0	TIM	610	Tim		865
Radishes		E84.	•••		100	158	214	303	401	481	545 545	610	721	793	865
Watercress Cucurbitaceae	01	Beer Al	7.6.	33	100	158	214	304	402	481	545	610	721	794	866
Leguminosae	756.	2000	2		102	160	216	305	403	482	547	612	723	795	867
Beans (Phaseolus)	•••	RA.			102	160	216	305	403	482	547	612	723	795	867
General			C.4. 7	35	102	-	-	305	403	482	547	612	377	115-12	-
Selection and varieties	17	E		35	-	-	216	305	403	482		612	NE	vizit.	-
Propagation and planting				35	102 102	160	216	305	404	482	547	612	723	(REEL)	867
Climate and pollution Management	Tra.	786.			102	160	216	306	404	482	547	612	723	795	867
Soils and nutrition					102	-	216	306	405	483	-	612	724	795	867
Crop protection	77	EN	2	2 - 50	-	160	-	_	405	483	_	-	-	795	867
Physiology and biochemist		EB# 1	9.1. ?	36	102	160	217	307	405	483	548	612	724	795	867
Reproduction	18 Th	1 .28-	2	11 - 18	- 3	1-	218	307	400	483	548	613	11/ 72 81	0003	867
Harvesting and handling	81		P		103	160	218	307	405	141	15-11	1009 1	MEN	(MIE)	-
Quality Beans (Vicia)	27	23 2		37	103	161	218	307	406		549	613	724	796	_
Beans (Vicia) Beans (Cyamopsis)	018.	75i. 0	2.L.	5/ 50	-	101	210	307	400		777	-	-	796	_
Peas	088.	385.	01.		103	161	218	307	406	483	549	613	724	796	868
Other Leguminosae	13	MA. O	00. 1		104	161	77-			-	550	614	10-00	797	-
Liliaceae – Asparagus	284.		i. 8	7		161	221	309	408	484	550	614	725	797	868
Malvaceae – Okra	D	River 1	14.			161	221	309	408		550	614	725	797	868
Polygonaceae – Rhubarb					105	161	221	200	409	484	550	614	725	707	868
Solanaceae	200	db 1	00. 1		105	161	221	309 309	409	485	550 550	614	725 725	797	869 869
Capsicums Eggplants	285.	880. I	05.		105	162	221	309	409	485	551	615	726	799	871
Tomatoes	7	8	05. 0		106	162	221	310	410	486	551	616	726	799	871
General		080.	[106	-	221	310	410	486	551	616	726	799	1
Selection and varieties	585.				106	162	221	310	410	486	551	616	726	799	871
Propagation and planting	232	85 8	7 1		106	163	222	310	411	486	552	616	727	799	871
Climate and pollution	DEG.	V +		40	106	1	222	310	411	486	417	616		800	872

VEGETABLES, TEMPERATE, TROPICAL	L ANI	D												
GREENHOUSE (continued)		HIL												
Management AV		3 1	40	106	163	222	310	412	486	552	616	727		872
Crop protection		***	-41 18 41	107	163	223	311	412	487	553 553	617	728	800	872 873
Physiology and biochemistry			42	107	164	223	312	414	488	554	618	729	801	873
Reproduction No. 802. 084.	PE. 1	25	42	-	164	224	312	415	-	554	618		802	874
Harvesting and handling Ouality	FE. 1	P 1	42	108	164	225	313	415	488	555	618	729	802	874 875
Umbelliferae	The state of	45.	43	108	164	225	313	415	489	555	618	730	803	875
Carrots	45.14	24.S 1	43	108	164	225	313	415	489	555	618	730	803	875
Parsnips		()	43	108	165	225	313	416	490	555	619	720	803	875
Celeriac	B.C.	35	43	109	165	223	313	417	490	555	619	730	803	875
Sundry crops	B	25	43	109	165	225	313	417	490	-	619	730	803	875
Mushrooms ded 2v2 802 242	F 1	Sec. 8	44	109	165	226	313	417	490	555	619	730	803	876
Other fungi ORNAMENTAL PLANTS	35 44	70 0	TE DE	. 1 -	(A-			11 W	IN ILL	AND L	State of the last	o-color	UDTO!	
General Act., San of an	4 1	23 1	44	109	166	226	314	417	491	556	620	731	804	876
Antirrhinums	9 4 7		15 -17	110	166	227	5.7	418	492	Will-It	620		805	876
Carnations and pinks Chrysanthemums		20	45	110	166	227	316	418	492	557 557	620	732 732	805	876 876
Gerberas		121.178	45	113	-	229	317	421	493	558	621	132	003	878
Morning glories			45	113	-	41	317	421	493	4-0	622	733	806	878
Pelargoniums	***	- 1220 1	45	113	167	229	318	421	493	558	622	733	806	878
Petunias Primulas			45	113	167	229	318	422	493	-	622	733	806	879 879
Saintpaulias			46	113	167	229	318	422	493	559	622	200	405/6	879
Other annual and herbaceous plants	A	N 251	46	113	167	230	318	422	494	559	623	733	807	879
Bulbs, tubers, etc. – general		36.	47	115	167	232	319	423	495	559	624	735	809	880
Begonias			47	115	168	232	320	423	495	561	624	735	809	880
Crocuses	1-6.1	B 0	81-	1-	168		-	- T	-	562	-	735	Uttai	880
Cyclamen	A 1600 3	CG.		115	168	232	320	424	495	562		735	809	880
- Freesias			_ III	115	8-	232		-		562	-	735	809	881
Gladioli	,,,		47	115	168	232	320	424	495	562	625	736	809	881
Gloxinias Ced VV Standard		19.00	18 - 8	115	160	233	Shirt I	424	495	562	625	-	809	0-
Irises	56		48	115	168	233	320	424	495	562 562	625	736	809	881
Mailies 082	A 8	01.25	48	116	168	233	320	424	495	562	625	736	809	882
Narcissi P	1 Em 8	35 0	48	116	169	PAT,	221	425	496	562	625	736	810	- B
Nerines Tulips		9:4	48	116	169	233	321 321	425	496	563	626	737	810	882
Other bulbs, tubers, etc.	16 8	205	49	116	15-1	233	321	425	496	563	626	737	811	882
Lawns and other turf	Fa. 9	5 5	8 49	117	169	234	322	426	496	563	626	738	811	883
Aquatic plants Bromeliads	25 6	3 25	851	118	EK _	235	322	426	498	564	629	739	811	0 -
Other foliage and succulent plants	20	10.4. 8	51	118	169	235	323	426	498	564	629	739	811	885
Orchids	05.00	39	528	120	170	236	324	427	499	565	630	740	813	886
Trees and shrubs — general Bougainvilleas	86	00 8	53	121	171	237	325	428	499	565	630	740	813	886
Camellias	38 1	63. 6	53	1-4	-	237	326	429	-	9-1	631	740	814	97. 一
Conifers	***	0	54	122	171	237	326	429	500	566	632	741	814	887
Heaths and heathers			54 46	122	171	237	326 326	429	500	566	41-11	741	814	887 888
The second secon		4 26	- 54 88	122	1/1		326	-	500	noiteh	632	N CHEST	814	-
- Ivies 825 726 844 \$	26.	b	8 54 8	1-	4	238	326	429		566	Bonn	741	46-4	888
Jasmines 244 9	26	P	31-	- 8	171	238	.327	420	500	noil	632	741	814	
Lilacs		5 2	81-88	122	171	238	327	429	500	566	633	TOTO SE	814	888
Poinsettias & & &	1 3 5	393	1 5400	122	171	238	327	430	500	H-M	633	741	814	1 -
Rhododendrons and azaleas				122	171	238	327	430	501	566	633	741	815	888
Roses				123	171 172	239	328	430	501	567	633	742 743	815	888 889
MINOR TEMPERATE AND TROPICAL		2	- 33	120	1/2	237	.567	131	331	200	037	W Ti	Lauco	007
INDUSTRIAL CROPS							Spedie	1.0077			-		Byp	
General Condiment and spice plants				125	172	241	332	432	502	560	636	744	817	890
Ondiment and spice plants Dye plants			57	125	173	241	332	432	502	569 570	636	745	01/	890
Essential oil plants				125	173	241	332	434	503	570	637	745	818	891
Hard fibre plants			58	126	124	-	334	125	504	570	638	716	910	891
Hops Insecticidal and other pesticidal plants			58 58	126 126	174	243	334	435	504	570 571	638	746	819	891 892
Medicinal plants		DI 14115		126	174	243	335	435	504	571	638	746	819	892
Photograph P.A. Strain M.A.														

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MINOR TEMPERATE AND TR																
Perennial fatty oil plants	inuea	10 0	18. 5	T	66	104	177	248		440	507	574	645	749	826	896
Sundry plants		1	LE. I		66	131	14-	249	_	440	507	574		749		897
SUBTROPICAL FRUIT AND P	LANT	TATIO	N													
CROPS						121	127	240	240	440	500	574				897
General Avocados		IA F	2500 7		66	131	177	249	340	440	508	574	645	749	826	897
Carobs					00	131	-	-	340	-	15	-	-	1	-	-
Citrus		14	E 3	50	67	131	177	249	340	441	508	574	645	749	826	7
General	4	10 9	1]	F 1	67	131	177	249	340	441	-	574	645	749	-	-
Selection and varieties	***	*** 5			- 1	131	177	249 250	340	441	508	574	645	749	826 826	898 898
Propagation and planting Climate and pollution	***			•••	67	131	1//	251	341	441	200	575	043	750	827	898
Management	F. T	11. 8	18. 3	1.22	67	132	178	252	341	442	508	-	11-	750	827	899
Soils and nutrition	· T	1 to 6	1 0		67	132	178	252	343	442	508	575	646	751	828	900
Crop protection	***	***	***	***	67	132	178	252	343	443	509	575	647	751 751	829	900
Physiology and biochemis Reproduction		iii a	18. 0	c	68	134	178	253	345	443	510	576	648	751	829	901
Harvesting and handling	E. 1				68	135	178	255	346	444	510	576	648	752	830	901
Quality	1	1	1	29 3	68	135	11-	255	346	-	511	576	649	752	830	902
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CAB has three main functions: a world agricultural information service, an identification service for entomology, mycology and helminthology, and a biocontrol service. CAB's information service is based on 46 abstract journals which, taken together, cover the whole range of agricultural science. Contemporary world literature in many languages is scanned for items worthy of noting by abstract or titles in the journals. Since 1973 all references have been made available in machine-readable form for batch searching and online retrieval. The database contains approximately 1,100,000 records and is increasing by 12,000 per month. Other publications include technical periodicals, annotated bibliographies, review articles and books. An information retrieval service ensures that individual needs are met, and also supplies photocopies of source papers.

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Headquarters

Farnham House, Farnham Royal, Slough SL2 3BN, UK
Tel: Farnham Common (02814) 2281 Telex: 847964 Cables: COMAG, SLOUGH SAMORE BUILDING MOUNT BUT BUT

Executive Director: N.G. Jones, DFC, BSc Editorial Director: J.R. Metcalfe, MA, PhD Scientific Adviser: E.K. Woodford, OBE, MSc, PhD Scientific Assistant: D.L. Hawksworth, PhD, DSc, FLS

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Bureaux

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Animal Breeding and Genetics, Animal Breeding Research Organization, The King's Buildings, West Mains Road, Edinburgh EH9 3JX, Tel: Edinburgh (031) 667-6901.

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Animal Health, Central Veterinary Laboratory, New Haw, Weybridge, KT15 3NB, Surrey. Tel: Byfleet (9973) 42826 Director: R.M. Mack, FRCVS.

Dairy Science & Technology, Lane End House, Shinfield, Reading RG2 9BB. Tel: Reading (0734) 883895 Director: E.J. Mann, NDD, CDD.

Forestry, Commonwealth Forestry Institute, South Parks Road, Oxford OX1 3RD. Tel: Oxford (0865) 57185 Director: W. Finlayson, BSc.

Horticulture & Plantation Crops, East Malling Research Station, Maidstone ME19 6BJ, Kent. Tel: West Malling (0732) 843833 Director: D.J. O'D. Bourke, MA, DipAgr, FLS.

Nutrition, Rowett Research Institute, Bucksburn, Aberdeen AB2 9SB. Tel: Bucksburn (0224) 712162
Director: A.A. Woodham, BSc, PhD, CChem, FRIC.

Pastures & Field Crops, Grassland Research Institute, Hurley, Maidenhead SL6 5LR. Tel: Littlewick Green (062 882) 3457 Director: P.J. Boyle, MA.

Plant Breeding & Genetics, Department of Applied Biology, Pembroke Street, Cambridge CB2 3DX. Tel: Cambridge (0223) 358381 (Ext. 216)

Director: Miss O. Holbek, BSc.

Soils, Rothamsted Experimental Station, Harpenden AL5 2JQ, Herts, Tel: Harpenden (05827) 63133 (Ext. 271) Director: B. Butters, MSc, DipAgr, DTA, DIC, ARCS.

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Australia	J.B. Allen, BSc, PhD	Commonwealth Scientific and Industrial Research Organization, PO Box 225, Dickson, ACT 2602.
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Jamaica	Karl E. Wellington, PhD	Research & Development Department, Ministry of Agriculture, PO Box 480, Kingston 6.
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Botswana	Permanent Secretary	Ministry of Agriculture, Common Service Division, Private Bag 0028, Gaborone.
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Fiji	Permanent Secretary	Ministry of Agriculture, Fisheries and Forests, Rodwell Road, Suva.
Bangladesh	K.M. Badruddoza, MAgr, PhD, DipGenPtBr.	Director, Bangladesh Agricultural Research Institute Farm Gate (Sher-e-Bangla Nagar) New Air Port Road, Dacca-7.
The Bahamas	Director of Agriculture	Ministry of Agriculture, Fisheries & Local Government, PO Box 3028, Nassau.
Papua New Guinea	Mr. N.J. Natera, The Secretary	The Department of Primary Industry, PO Box 2417, Konedobu.
Zimbabwe	G.W. Herd	Head, Plant Protection Research Institute, Ministry of Agriculture, PO Box 8100, Causeway, Salisbury.
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SYMBOLS FOR UNITS

Symbol	Unit or Prefix	Symbol	Unit or Prefix	Symbol	Unit or Prefix
a	are	· g	gramme	μbar ,	, microbar
A	ampere	G	giga-	min	minute (time)
Å	angstrom	gal A	gallon	mol	mole
atm	standard atmosphere	h .	hecto-	, n	nano-
Btu	British thermal unit	h	, hour	Here Ω' , the γ	ohm
bu	bushel	hp	horsepower	oz	ounce
c	centi-	hz	hertz	V p / 3	pico-
°C	degree Celsius	in Section	inch	pt	pint
cal	calorie	The state of the s	ioule	q	quintal
cd	candela : .	1 k 10 / 10	kilo-	qt	quart
Ci	curie	1.1.1.1	litre	R	roentgen
ctl	cental	1b	pound	ra d	rad (amount of
cwt	hundredweight	lbf	pound-force	iau , , ;	absorbed radiation)
d	deci-	Image (Section)	lumen		second (time)
da	deca-	lx	lux	1	- tonne (metric ton)
erg	erg	m 1.1 5	metre	T	tera-
f	femto-	m same	a milli-	ton	ton
°F	degree Fahrenheit	mbar O er	millibar	V	volt
fl oz	fluid ounce	M 11 194 70	mega-	w	watt
ft	foot		micro-	yd	yard
		· · · · · · · · · · · · · · · · · · ·	- Intero-	rest of the filter of	, , , , , ,
SYMBO	LS FOR LANGUAGES				
Af A	frikaans	Fi Finnish		NI Dutch	h and Flemish
	rabic	Fr French		No Norw	egian
Be B	elorussian	Gr Greek		Pl Polish	า
Bg B	ulgarian 💖 u 🐃 🧀 📆	He Hebrew	. 1	Pt Portu	guese
	hinese	Hu Hungari		Ro Roma	
	zech	. 16 . in Indones		Ru Russi	
	anish tu e a sant	t It : 5 Italian :			-Croat
	erman	Ja Japanes	e	Sk Slova	
	stonian and the state of the st	Ko Korean	et u	Sn Slove	
	nglish	Li Lithuan		Sv Swed Tr Turki	
	speranto	Lv Latvian		Tr Turki	

Symbols with capitals represent the language of the paper; symbols without capitals the summaries.

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Page	Abstract	Line	
10	31	10	for 'Atractretomus mali' read 'Atractotomus mali'
14	109	9&10	for 'Asclepias incarnatum' read 'Asclepias incarnata'
	806	2	for 'P. coerulea' read 'P. caerulea'
74	865	3	for 'Chinchona' read 'Cinchona'
88	1058	2 4	for 'Cotoneaster acutifolia' read 'Cotoneaster acutifolius' for ', Netherlands.' read ', Naaldwijk, Netherlands.'
96 97	. 1161 1163	5.	for 'Netherlands,' read 'Naaldwijk, Netherlands.'
	. 1303	7	for 'A. cruentis' read 'A. cruentus'
110 :	. 1306	4.	for 'Institute of' read 'Research Institute of'
119	1397	5&6	for '(Alyxia olivaeformis)' read '(Alyxia oliviformis)'
128 192	1527 2302	10 1	for 'Polyscias filifolius' read 'Polyscias filicifolia' for 'MINISTRY' read 'UNIVERSITY'
192	2302	3	for 'Ministry' read 'University'
239	2840	11	for 'Robinia pseudo-acacia' read 'Robinia pseud-acacia'
277	3245	5	for 'Gingko biloba' read 'Ginkgo biloba'
286	3384	4	add 'Tsentral'naya VG Observatoriya, Moscow, USSR'
309		5 1-2	for 'annuum' read 'annuum' for 'ET AL' read 'ET AL'
310 340	3632 4008	4	for 'Soursop' read 'soursop'
340	4008	12	for 'Soursop' read 'soursop.'
371	4190	2	for 'Horseradish' read 'Horseradish'
392	4443	4	add 'From Referativnyi Zhurnal (1980) 8.55.705'
423	4751	2 7	for 'Impatiens walleriana' read 'Impatiens wallerana' for 'Impatiens walleriana' read 'Impatiens wallerana'
423 455	4751 5142	8	for 'Nutrition' read 'Nutrition and use'
455	5142	11	for 'Maranta kerchoveana' read 'Maranta leuconeura'
474	5393	20	for 'Eutetranychus carpini' read 'Eotetranychus carpini'
486	5523	12	for '14-18' read '14-18 days'
498	5638	1	for 'Blahschiefer' read 'Expanded slate'
498 498	5638 5638	8 9	for 'Blähschiefer' read 'Berwilit' for 'clay' read 'slate'
498	5638	11	for 'Blähton, a similar product' read 'expanded clay'
498	5638	13	for 'Blähschiefer granules than in Blähton' read 'slate granules than
			in clay'
	5638	14	for 'Blahschiefer' read 'slate'
498 498	5638 5638	15 16	for 'Blähton' read 'clay' for 'Blähschiefer' read 'slate'
	5638	17	for 'Blähton' read 'clay'
498	5638	18	for 'Blähschiefer' read 'slate'
503	5700	7	insert 'From Abstracts on Tropical Agriculture 6, 32828'
508	5772	6/7	for 'Poncirus trifoliata' read ' <i>Poncirus trifoliata</i> ' for 'EXPERIMENTAL' read 'EXPERIMENT'
522 540	5920 6130	11	for 'was by' read 'was obtained by'
564	6417	14	for 'Maranta leuconera' read 'Maranta leuconeura'
564	6417	14	for 'Nephrolepsis exaltata' read 'Nephrolepis exaltata'
565	6422	4	for 'At the beginning of the' read 'There has long been'
565	6422	6	for 'the cortical cells:' read 'genera and species, and' for 'Cinnamomeae' read 'Cinnamomeae [Cassiorhodon]'
567 612	6445 6973	9 1	for 'VEDAMUTHU, A.G.P.' read 'VEDAMUTHU, A.G.B.'
640	7275	6	for 'Schisandra sphenandra' read 'Schisandra sphenanthera'
647	7394	10	for 'L. [Insulapsis] gloveri' read 'L. [Insulaspis] gloveri'
748	8073	13	for 'Mecones only' read 'Mecones comprises only'
762	8232	2 3	for 'VERSUCHANSTALT' read 'VERSUCHSANSTALT' for 'WEINSBURG' read 'WEINSBERG'
762 762	8232 8232	5	for 'Weinsburg' read 'Weinsberg'
795	8588	5 2	for 'HARBONE, J.B.' read 'HARBORNE, J.B.'

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819	8852	2	for 'Adonis flammens' read 'Adonis flammea'
819	8852	8	for 'A. flammeus' read 'A. flammea'
863	9355	11	for 'hypocotyl extension growth' read 'suppressed hypocotyl extension growth'
883	9556	13	for 'commutata' read 'commutata'
885	9574	8	for 'Chamaecereus silvestrii' read 'Chamaecereus sylvestrii'
891	9640	10	for 'trans-β-ocimene' read 'trans-β-ocimene'
893	9659	1	for 'RAFFELSVERGER, B.' read 'RAFFELSBERGER, B.'
894	9680	1	for 'GACHECHILADZA, N.D.' read 'GACHECHILADZE, N.D.'

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Variants of author's names may appear next to each other.

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